

Appl. No. : 10/521,936
Filed : February 7, 2006

REMARKS

Claims 1-26 are pending in the instant application. Claims 1, 6, 9, 14, 18, and 19 have been amended in the current response. No new claims have been added. These amendments correct errors of a clerical nature and do not reflect addition of new matter. Support for the amended claims is found throughout the specification as originally filed.

In an Election Requirement mailed December 12, 2007, the Examiner required election of a single disclosed species for each of the following species groups:

- i) promoter element species, as recited in Claims 2-6,
- ii) integration enzyme species, as recited in Claims 7-19,
- iii) nucleic acid composition species, as recited in Claims 21-22, and
- iv) additional alternative element species, as recited in Claims 23 and 25-26.

For species group (i), a promoter element species, Applicants elect, without traverse, an inducible promoter (Claim 5) and the sub-species thereof, a tetracycline-responsive promoter (Claim 6). Claims 1 and 5-26 read on and/or are generic to the elected species.

For species group (ii), an integration enzyme species, Applicants elect, without traverse, transposase (Claim 7), sub-species thereof piggyBac (Claim 9), sub-species thereof chimeric *piggyBac* transposase comprising a host-specific DNA binding domain (Claim 15), and sub-species thereof chimeric piggyBac transposase comprising a host-specific DNA binding domain fused to the N-terminus of the transposase (Claim 18). Claims 1-9 and 15-26 read on and/or are generic to the elected species.

For species group (iii), a nucleic acid composition species, Applicants elect, without traverse, a nucleic acid encoding the transgene and a nucleic acid encoding the transposase as the same nucleic acid (Claim 21). Claims 1-21 and 23-26 read on and/or are generic to the elected species.

For species group (iv), an additional alternative element species, Applicants elect, without traverse, a homologous sequence that is homologous to the host DNA (Claim 23). Claims 1-26 read on and/or are generic to the elected species.

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Pursuant to the provisions of M.P.E.P. 809.02(a), upon the allowance of a generic claim, Applicants will be entitled to consideration of claims to additional species which depend from or otherwise require all the limitations of an allowable generic claim as provided by 37 CFR 1.141. Thus, Applicants reserve the right to rejoin, as appropriate, the claims of any non-elected Groups. M.P.E.P. § 809.

CONCLUSION

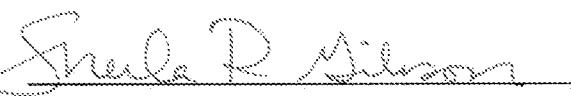
The undersigned has made a good faith effort to respond to the Election Requirement and to place the claims in condition for allowance. Nevertheless, if any undeveloped issues remain, or if any issues require clarification, the Examiner is respectfully requested to call the undersigned to discuss such issues.

Please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 19-3140.

Respectfully submitted,

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Dated: Feb. 12, 2006

By: 

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